

10321925 SIMON CREEK AT HIGHWAY 766 NEAR CARLIN, NV

HUMBOLDT RIVER BASIN, UPPER HUMBOLDT RIVER BASIN

LOCATION.--Lat 40°50'35.4", long 116°13'28.28" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.22, T.34 N., R.51 E., Eureka County, Hydrologic Unit 16040101, on right bank, above culvert on Highway 766, 11.1 mi northwest of Carlin.

DRAINAGE AREA.--Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Nov 1996 to Sep 2003, continuous record station. Oct 2003 to current year, partial record station.

GAGE.--Crest-stage gage. Elevation at gage is 5,150 ft above National Geodetic Vertical Datum of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded discharge, 237 ft³/s, Mar 8, 1997, gage height, 3.73, from rating extension above 5.0 ft³/s but may have been higher Jan 2, 1997 at gage height, 5.55 ft, backwater from debris on culvert; maximum gage height, 6.41 ft, Jan 17, 1998, ice jam; minimum daily, 0.10 ft³/s, Aug 16, 2001.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 132 ft³/s, from extension of rating 4.1, May 17, gage height 5.20 ft.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Date	Discharge, in ft ³ /s	Gage height, in ft
Oct 15, 2004	0.15	1.60
Dec 20, 2004	0.31	1.51
Mar 3, 2005	0.40	1.68
Apr 1, 2005	6.8	2.18
Apr 25, 2005	10	2.29
May 17, 2005	132	5.20
Jun 3, 2005	0.85	1.83
Jul 21, 2005	0.24	1.47
Sep 19, 2005	0.45	1.61